

Enlightening Lizards

Getting the Enlightenment experience & Being a part of the effort

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A bit of history...

Enlightenment? What in the ...

Enlightenment, also known simply as **E**, was initially developed before even 1996 but the current iteration of the window manager (the Environment as we know it today) started with the version **0.17.0** which was in development for **12** years. **Enlightenment 17** as it was called wasn't packaged in **openSUSE** until a little after it's stable release in 21 December 2012

A Slightly different environment . . .

Desktop Environment vs. Desktop Shell

Desktop Environment

It is an implementation of the Desktop metaphor, made of a bundle of applications running on top of the base Operating System(OS). which share a common Graphical User Interface (GUI), a common look and feel and are working together to bring a complete experience to the user.

Window Manager

A window manager is system software that controls the placement and appearance of windows. It usually works in conjunction with a Desktop Environment (and is thus designed around one).

A Slightly different environment ...

cont.

Desktop Shell

A Desktop Shell is something inbetween the two.

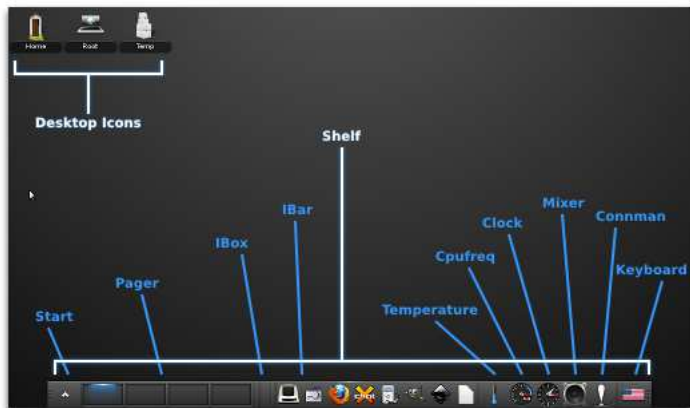
It provides more than **just** a window manager but not enough to be considered a full fledged Desktop Environment.

A Quick Glance

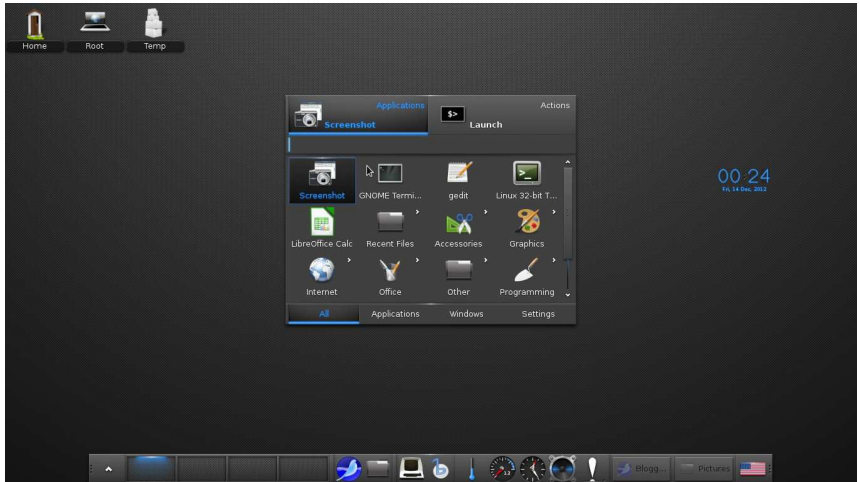
A View to a desktop



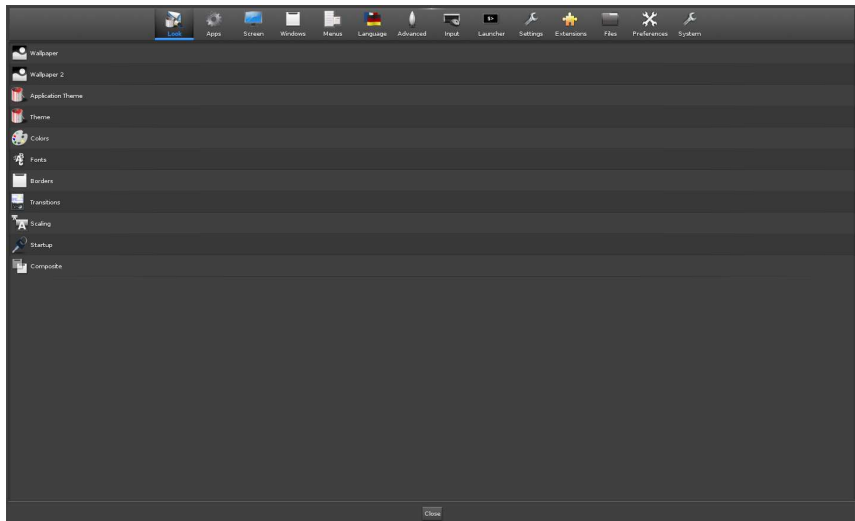
Desktop Royale



License to start



The man with the golden panel



But there is more...

Beyond the desktop

Embedded Systems

- Infinity I-Kitchen
- SetTopBoxes by Free.fr
- Special laptops and services by ordissimo
- Mobile/TV/Tablet/IVI with Tizen

Electrolux

Infinity I-Kitchen



Ordissimo

Laptop interface



Samsung

Tizen



The Philosophy...
or
How i learned to stop worrying and
LOVE
the Enlightenment.

CHOICE IS GOOD

Vanilla vs. Strawberry vs. Chocolate

EFFICIENCY MATTERS

NOT everyone drives an F1

EYECANDY MATTERS

PORTING MATTERS

The world is NOT english

OPEN IS BEST

We have a sense of humor

How can i get it?

- **E17** is already in the core distribution repos and can be chosen as an option from the installation media (the full dvd).
- **E18** The current upstream version (**0.18.7** as of this talk can be installed from the repository **X11:Enlightenment:Factory** found in the url below (choose the link for your running distro version)
<http://en.opensuse.org/Portal:Enlightenment>

I want in!

Being part of the effort

Setting up a development environment for Enlightenment

Build Essentials

Git to fetch the code

```
# zypper install git-core
```

Tracing tool & test suite

```
# zypper install check valgrind
```

C/C++ Development Pattern

```
# zypper install -t pattern devel_C_C++
```

Contact

IRC

irc.freenode.net #e

irc.freenode.net #e.el

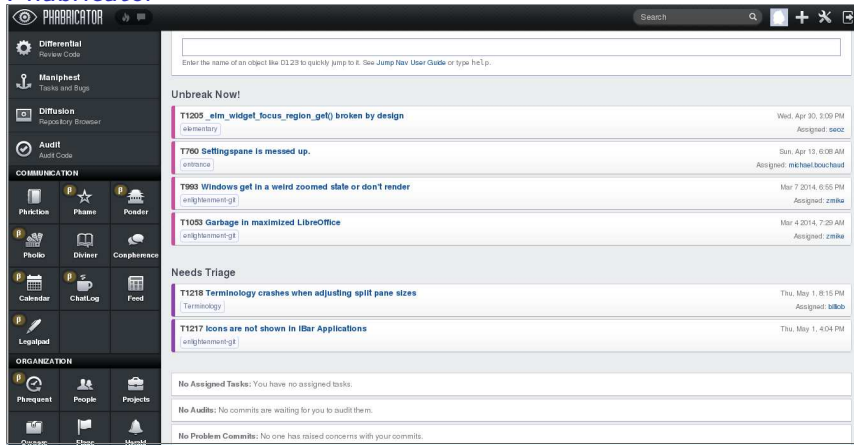
irc.freenode.net #opensuse-e

Facebook

<http://enlightenment.gr>

Bug Reporting / Bug Hunting

Phabricator



The screenshot shows the Phabricator web interface. The left sidebar contains navigation tools: Differential (Review Code), Maniphest (Tasks and Bugs), Diffusion (Repository Browser), Audit (Audit Code), and a COMMUNICATION section with icons for Phiction, Phame, Ponder, Photo, Diver, Conference, Calendar, ChatLog, Feed, and Legalpad. Below this is an ORGANIZATION section with icons for Phrequent, People, Projects, Overview, Flag, and Herald. The main content area has a search bar at the top with the text "Enter the name of an object like D123 to quickly jump to it. See Jump Nav User Guide or type help.". Below the search bar is a section titled "Unbreak Now!" containing a list of bugs:

- T1205 _elm_widget_focus_region_get() broken by design**
elementary
Wed, Apr 30, 3:09 PM
Assigned: seoz
- T760 Settingspane is messed up.**
elementary
Sun, Apr 13, 6:06 AM
Assigned: michael.bouchaud
- T993 Windows get in a weird zoomed state or don't render**
enlightenment-gtk
Mar 7 2014, 6:55 PM
Assigned: zmike
- T1053 Garbage in maximized LibreOffice**
enlightenment-gtk
Mar 4 2014, 7:29 AM
Assigned: zmike

Below the "Unbreak Now!" section is a "Needs Triage" section with two bugs:

- T1218 Terminology crashes when adjusting split pane sizes**
Terminology
Thu, May 1, 8:15 PM
Assigned: bilob
- T1217 Icons are not shown in iBar Applications**
enlightenment-gtk
Thu, May 1, 4:04 PM

At the bottom of the main content area, there are three status boxes:

- No Assigned Tasks:** You have no assigned tasks.
- No Audits:** No commits are waiting for you to audit them.
- No Problem Commits:** No one has raised concerns with your commits.

The Greek (localization) effort

Wiki portal fully translated in Greek

Enlightenment & EFL Translations are currently @ 95%

Q & A

Thank you for your attention!

Alex-P. Natsios

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